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(54) **METHODS AND COMPOSITIONS FOR EXPRESSING FUNCTIONAL CLASS XIV MYOSIN**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

The invention, in part, includes methods and compounds useful to prepare and functional class XIV myosin. Functional class XIV myosin prepared using methods of the invention may be useful to screen for and identify compounds that inhibit and treat parasitic infections and contamination.